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KSI UMA and the FIP Effect vs Metal Poor coronae Conundrum

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Final Report

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Analysis of the data has been completed. ASCA data indicate a metal-poor corona, with metals down by a factor of 3 or more relative to the photospheric values. EUVE data show a FIP effect, which is expected if the metals are enhanced rather than depleted. Some finishing touches need to be applied to an absolute measure of metal abundance based on the EUVE data. A paper aimed for the Astrophysical Journal is in preparation.

